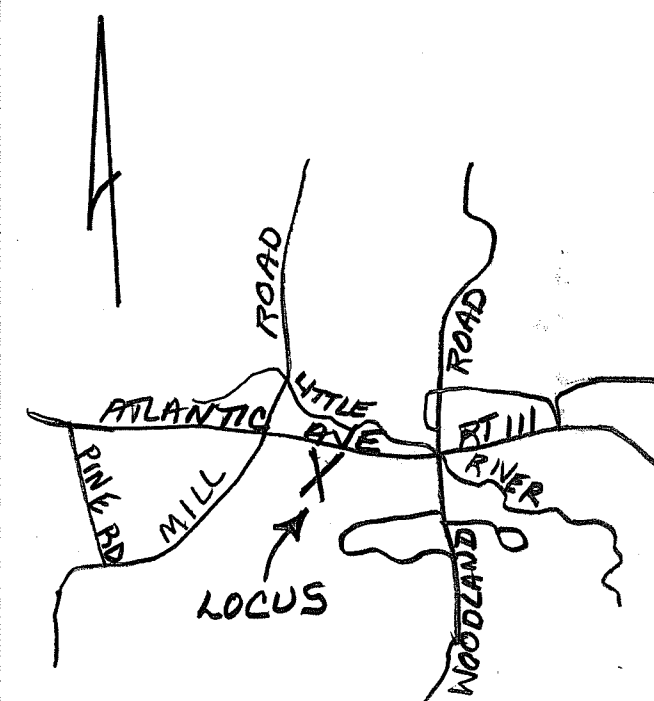


LOCUS MAP

NOT TO SCALE



40B - CHATFIELD/HOLLIS/CANTON
SOIL CLASS: 547A - WALPOLE

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

- #1 PAINT MARK BOTTOM CELLAR WINDOW EL 52.83
- #2 SET HUB ELEV 47.92
- #3 TOP COR CONC WALK ELEV. 52.54

DESIGN INTENT: BED BOTTOM TO BE PLACED
NO LOWER THAN 24" BELOW EXISTING GRADE,
UPSLOPE SIDE (EXIS GRADE = EL 51.0).

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

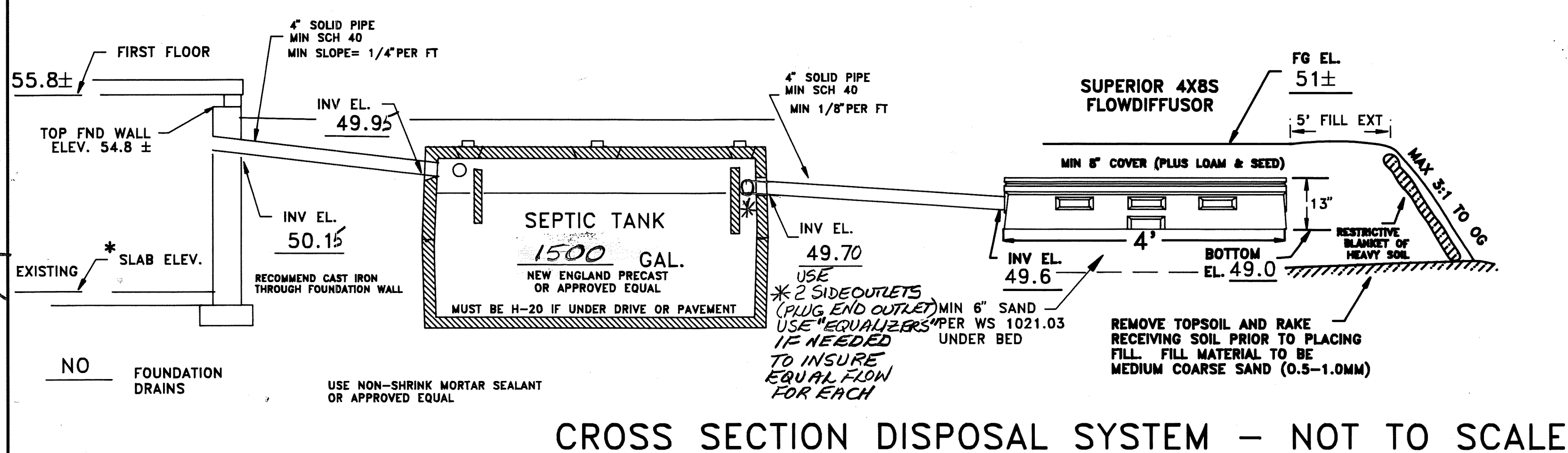
- 50.0 EXISTING CONTOUR
- 50.0 PROPOSED CONTOUR
- 50.0 EXISTING SPOT ELEVATION
- 50.0 PROPOSED SPOT ELEVATION

NOTES:

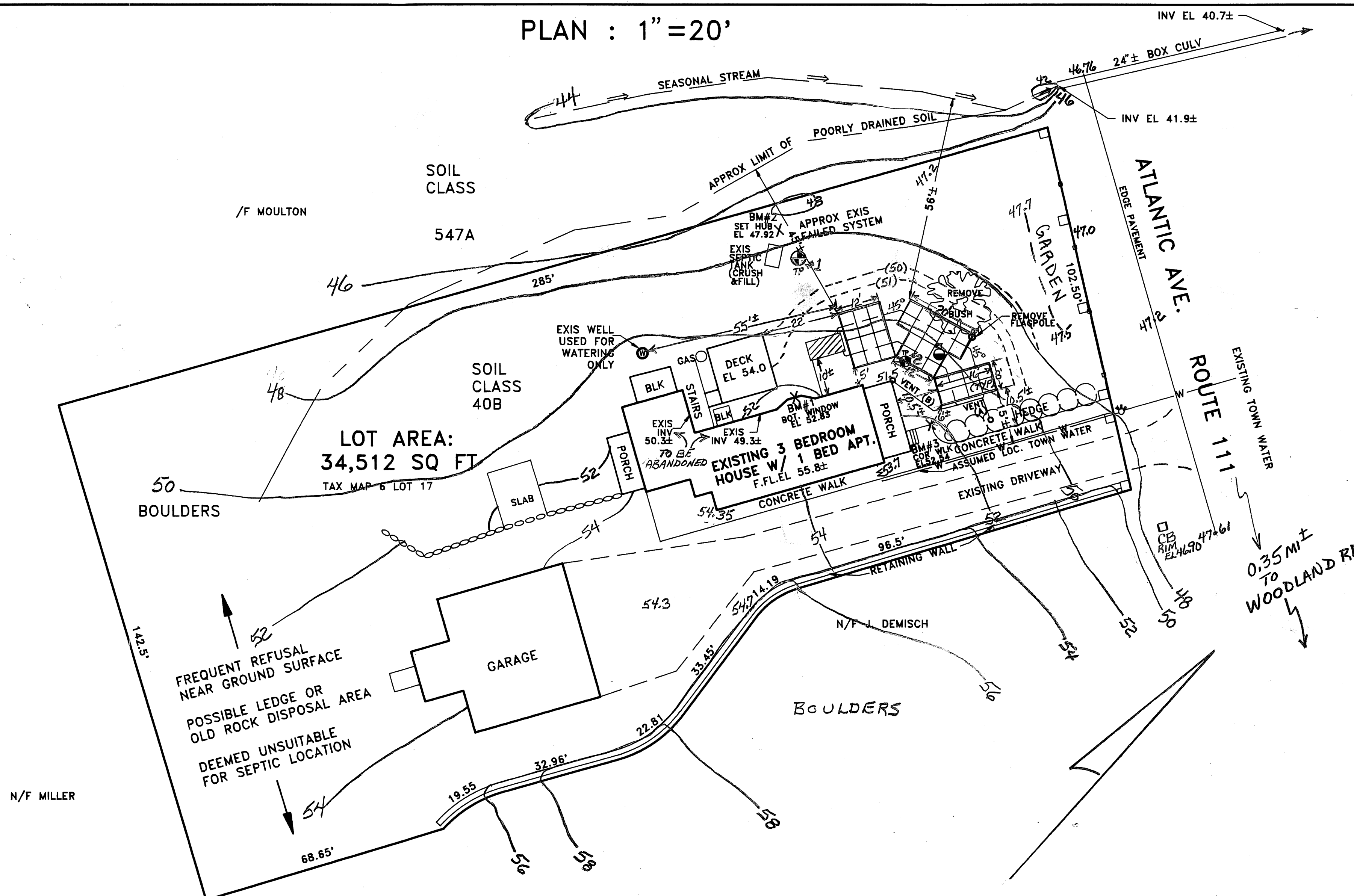
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RECORDED SURVEY DATED JUNE 1958 (RCRD PLAN C3087)
2. NHDES-WS&PCD SUBDIVISION APPROVAL
NUMBER: N/A LOT OF RECORD
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE. SEE WAIVER
4. NO SURFACE WATER OR WELL WITHIN REQUEST OF PROPOSED SYSTEM.

PLOT PLAN

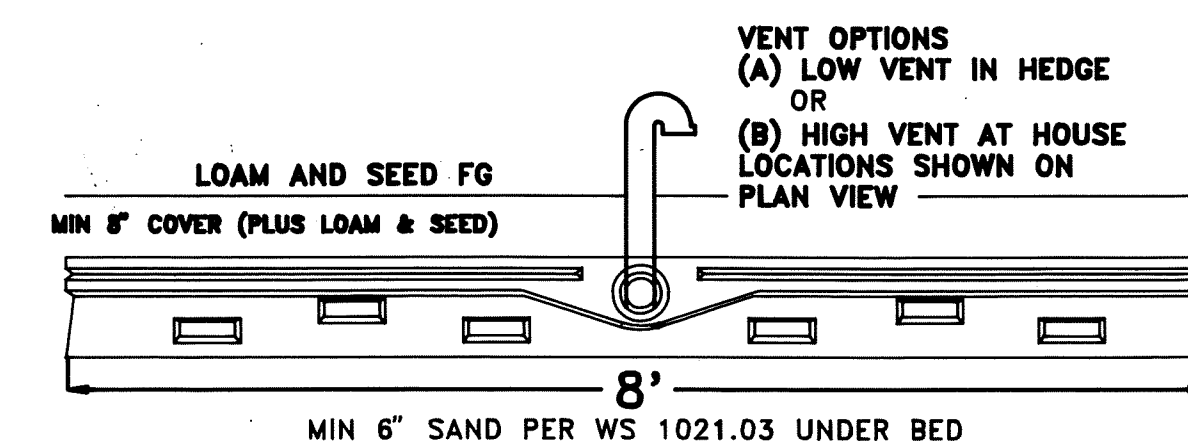
1"=APPROX



PLAN : 1"=20'



VENTING REQUIRED WITH CONCRETE CHAMBERS



NOTE: ALL EXPOSED SIDES OF SEPARATE CHAMBER BEDS TO BE LINED WITH FILTER FABRIC. USE SAND FILL AND SOLID DISTRIBUTION LINES BETWEEN BEDS. CONNECT LINES AT FAR END OF FIELD WITH SOLID PIPE.

TEST PIT DATA

DATE: JULY 21, 1995

TOWN INSPECTOR: NOT REQUIRED

TEST PIT #1 ELEV 48.5
0'-6" LOAM & ROOT MAT
6"-20" 10YR4/4 TO 10YR4/6 GRAVELLY LOAMY MEDIUM TO COARSE SAND, GRAN. LOOSE
20"-30" 10YR5/6 GRAVELLY FINE SANDY LOAM, MASSIVE FRIABLE
30"-60" 2.5Y5/4 SILT LOAM, MASSIVE, MOTTLED ESHWT @ 30", NO OBS WATER, NO REFUSAL

TEST PIT #2 ELEV 51.0
0'-6" LOAM & ROOT MAT
6"-22" 10YR4/6 GRAVELLY LOAMY MEDIUM TO COARSE SAND, GRAN. LOOSE
22"-72" 10YR5/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE, SOME COBBLES
NO EVIDENCE OF SHW TO 72", ROOTS TO 5'+, NO OBSERVED WATER, NO REFUSAL

PERC TEST DATA

DATE: 7/21/95

PERC RATE: 4 MIN/IN DEPTH: 32"

DESIGN LOADING: EXIS 3 BED HSE + 1 BED APT
450 GPD + 225 GPD = 675 GPD

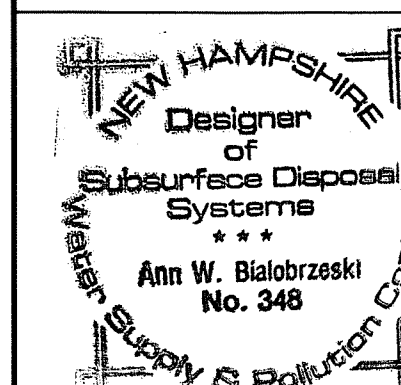
AREA REQUIRED: 675 X 140 SF/100GPD = 945SF
945 X 0.6 (CHAMBERS) = 567 SF

AREA PROPOSED: EIGHTEEN 4X8S FLOWDIFFUSORS
@ 32 SF EACH = 576 SF PROVIDED

PROPOSED SEPTIC SYSTEM PLAN

LOCUS: 112 ATLANTIC AVENUE
NORTH HAMPTON, NH

OWNER: HOWARD SMITH
112 ATLANTIC AVENUE
NORTH HAMPTON, NH 03862



APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

DATE: 8/31/95

APPROVAL: CA1995004524
(SEE CONDITIONS)